

LCD Backlights

Abstract Doc

3M Library & Information Services
ETA - Enhanced Technology Awareness

Category: Light Guide\Slab, Light Guide\Structure on Top Surface, Enhance. Film\Prism Down, Advantage\Uniformity

Category Definition: 

[Link to Atlas Electronic Library Translation Services](#)

Title:

Light guide plate for backlight of LC panel - in which ratio of pitch of protrusion of plate and pitch of condensing sheet is set in range of 0.25-4

Patent Assignee:

KONICA CORP

KONS

Abstract:

Abstract (Basic): JP 10160939A

The guide plate (31) includes multiple first protrusions (35) that are formed at the light emission surface. The pitch between the first protrusion is reduced as it is separated from a light source.

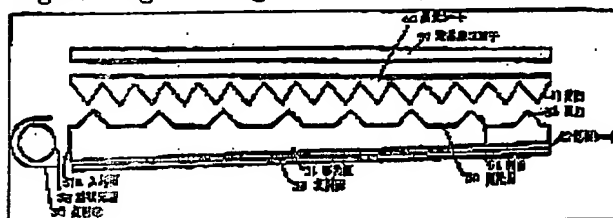
A condensing sheet (40) having multiple second protrusions (41) is arranged on the light emission surface. The ratio of pitch of the first protrusion and second protrusion is expressed as $P1/P2=n/4$ where n has value within the range of 1-16 and P1 and P2 are the pitch values of first and second protrusions respectively.

ADVANTAGE - Prevents moire generation.

Dwg.1/4

Clipped Images:

Engineering Drawing:



Patent Family: If available, click on fulltext doclink to view the associated fulltext/image doc.

Fulltext Doclink	Cntry	Serial	Kind	Date	Week	Pages	Lang
	JP	10160939	A	19980619	199835	007	

Priorities:

Country	Serial	Date	Type
JP	0321851	19961202	A

Application, Citations, Coding Information, Index Terms:

© Derwent Scientific and Patent Information

ETA databases are created by 3M Library & Information Services. ETA content is based on the research interests of one or more 3Mers. This database thus represents an individual's file cabinet for a research project. For complete patentability or other comprehensive search needs please contact 3M Library & Information Services at 651-733-7670.